



	FAIRFAX COUNTY FIRE AND RESCUE PREVENTION DIVISION POLICIES, OPERAITONS AND PROCEDURES	EPR-003
	ISSUED BY: DEPUTY FIRE CHIEF CLARK O. MARTIN, JR	REISSUE DATE: JANUARY 1, 1999
	SUBJECT: DESIGNED REQUIRMENTS FOR PROJECT SITE PLAN INDICATION OF FIRE LANE MARKINGS AND SIGNS	

TO: All Contractors, Engineers, Architects,
Designers, and Installers

The Fairfax County Public Facilities Manual requires the installation of fire lanes as part of the public utilities requirements. The Fairfax County Fire Prevention Code governs the dedication of the fire lane as well as the installation and sign specifications.

Posting and marking of fire lanes was required as of July 1986, for all sites regardless of Use Group classification. Under certain situations, additional areas may be designated as fire lanes as conditions warrant.

All fire lane information must be applied in a clear and orderly manner to the original mylar. All fire lanes must be shown on a site plan that is part of the site plan submittal set and all sets must have the fire lane plan included. The site plan scale can be no smaller than 1:500 (metric). Street names and building addresses are to be shown. Plans submitted must indicate fire lanes designated in accordance with Fire Prevention criteria. A summary of the information necessary to create fire lanes acceptable to Fairfax County Fire and Rescue is on the following pages.

Attachment 02000-A.1

FIRE LANE DESIGNATIONS

Under Section F311.0 of the Fairfax County Fire Prevention Code, the Office of the Fire Marshal is authorized to designate fire lanes on public streets and on private property where necessary. This is to prevent parking in front of, or adjacent to, fire hydrants and to provide access for fire fighting equipment. Markings and signs are to be provided by the owner or agent of the property involved. Parking or otherwise obstructing such areas is prohibited.

I. HYDRANTS

- A. Parking is prohibited within 4.6 m. of a fire hydrant located along the curb line or edge of any public or private roadway. No special curb marking is required for enforcement.
- B. Fire hydrants installed in parking lots are located within a fire lane. Curb and/or roadway marking is required in accordance with sections III and IV below.

II. FIRE LANES

- A. Fire lanes shall be installed where required by the Office of the Fire Marshal. Fire lanes shall be marked with both sign and curb delineation per section III and IV below. Parking and traffic flow patterns shall be required as follows:

STANDARD REQUIREMENTS

Street Width Curb to Curb	One-Way Traffic	Two-Way Traffic
less than 7.2 m.	no parallel parking on either side of street	no parallel parking on either side of street
7.2 m. to 8.7 m.	parallel parking on one side as decided by Fairfax County Office of Fire Marshal	no parallel parking on either side of street
9 m. to 10.5 m.	parallel parking allowed on both sides	parallel parking on one side as decided by Office of Fire Marshal
10.8 m. or greater	parallel parking allowed on both sides of street	parallel parking allowed on both sides of street

III. SIGN SPECIFICATIONS

- A. Metal construction, 305 mm x 457 mm
- B. Red letters on reflective with background with 10 mm red trim strip around entire outer edge of sign.

Attachment 02000-A.2

- C. Lettering on sign to be: "NO PARKING OR STANDING FIRE LANE"
- D. Lettering size to be as follows: "NO PARKING" and "STANDING" - 50 mm, "OR" - 25 mm, "FIRE LANE" -63 mm, arrows 25 mm X 150 mm solid shaft with a solid head 38 mm wide and 50 mm deep.
- E. Signs are to be mounted 2.1 m. from the ground to the bottom of the sign unless otherwise directed by the Office of Fire Marshal.
- F. Posts for signs when required shall be metal and securely mounted, unless written permission for alternatives is obtained prior to installation from the Office of Fire Marshal. Signs should be spaced as on approved plans. In long stretches the maximum distance between signs is 21 m.
- G. Other special signs as approved by the Office of the Fire Marshal.

IV. CURB DESIGNATION

- A. All curbs or paved spaces designated as fire lanes shall be indicated yellow paint approved by the Office of Fire Marshal. In areas without curbing, a 150 mm wide yellow stripe shall be applied to the edge of the pavement. Paint shall be highway traffic grade.

SIGN TYPE "A"

SIGN TYPE "C"

SIGN TYPE "D"

Standard wording with an arrow at bottom pointing to the right. One sign mounted parallel to the line of curbing or pavement edge at end of painted area.

Standard wording with an arrow at bottom pointing to the left. One sign mounted parallel to the line of curbing or pavement edge at end of painted area.

Standard wording with no arrow. Two signs, back to back, mounted perpendicular to line of curbing or pavement edge.

Fire lane markings, types of signs, locations, etc. shall be subject to the approval of the Office of the Fire Marshal.

Attachment 02000-A.3

V. INSPECTION NOTICE

A. The following notice must appear on the site plans:

1. Fire Marshal field inspection necessary for final approval of fire lanes. Fire lanes must have final approval prior to request for occupancy permit.
2. Owner shall notify the Fire Prevention Division, Fire Lanes Section, 4100 Chain Bridge Road 4th Floor, Fairfax, Virginia 22030 (703-246-4821) when fire lanes have been installed.

VI. OTHER NOTICES TO BE SHOWN AS NEEDED

A. Notes for fire department access lanes:

1. To be an all weather surface designed to support fire department vehicles.
2. To be identified as a fire lane at entrance.
3. To be maintained clear and accessible all year.
4. To have mountable curb at entrance.
5. Provide manufacturer's specifications and installation instructions for items used in access lanes to Fire Marshal's office prior to installation.
6. Installation of access must be witnessed by Fire Marshal's Office. Please call for an appointment.
7. Provide approximately 1.2 m. high bollards with steel chain locked in between at curbside entrances to access lanes.
8. Access lanes must be clearly delineated for entire length and at ends by shrubs, lights, etc.

One copy of the approved site plans will be retained by the Fire Prevention Division for future reference.